

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL		1. WELL NAME and NUMBER Ute Tribal 16-01-D4
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>		3. FIELD OR WILDCAT DUCHESNE
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME
6. NAME OF OPERATOR PETROGLYPH OPERATING CO		7. OPERATOR PHONE 208 685-7685
8. ADDRESS OF OPERATOR 960 Broadway Avenue, Ste 500, Boise, ID, 83703		9. OPERATOR E-MAIL ppowell@pgei.com
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) I-109-IND-5351	11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>	12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
13. NAME OF SURFACE OWNER (if box 12 = 'fee') D. Milton Moon and Karen C. Moon, as Trustees		14. SURFACE OWNER PHONE (if box 12 = 'fee') 801-756-4485
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1158 N. 1190 E., ,		16. SURFACE OWNER E-MAIL (if box 12 = 'fee')
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN') Ute Indian Tribe	18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>	19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	672 FNL 258 FEL	NENE	16	4.0 S	4.0 W	U
Top of Uppermost Producing Zone	670 FNL 670 FWL	NWNW	16	4.0 S	4.0 W	U
At Total Depth	670 FNL 670 FWL	NWNW	16	4.0 S	4.0 W	U

21. COUNTY DUCHESNE	22. DISTANCE TO NEAREST LEASE LINE (Feet) 672	23. NUMBER OF ACRES IN DRILLING UNIT 4150
	25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 804	26. PROPOSED DEPTH MD: 11085 TVD: 6824
27. ELEVATION - GROUND LEVEL 5789	28. BOND NUMBER LPM4138336	29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Cond	20	16	0 - 50	5.0	Unknown	10.0	Class G	25	1.17	15.8
Surf	12.25	9.625	0 - 700	36.0	J-55 ST&C	10.0	Class G	253	1.17	15.8
Prod	8.75	5.5	0 - 7350	17.0	P-110 LT&C	10.0	Class G	704	1.91	12.5
							Class G	784	1.48	14.3
P2	7.875	5.5	0 - 11085	17.0	P-110 LT&C	10.0	Class G	507	1.48	14.3
							Class G	84	1.48	14.3

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Ed Trotter	TITLE Agent	PHONE 435 789-4120
SIGNATURE	DATE 02/01/2013	EMAIL edtrotter@easilink.com
API NUMBER ASSIGNED 43013520330000	APPROVAL  Permit Manager	

T4S, R4W, U.S.B.&M.

PETROGLYPH OPERATING CO., INC.

1985 Duchesne Co.
Alum Cap, 0.4' High
Pile of Stones
Steel Post

1985 Duchesne Co.
Alum Cap, 0.5' High
Pile of Stones

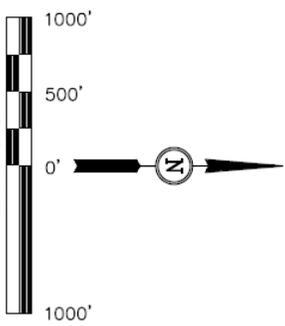
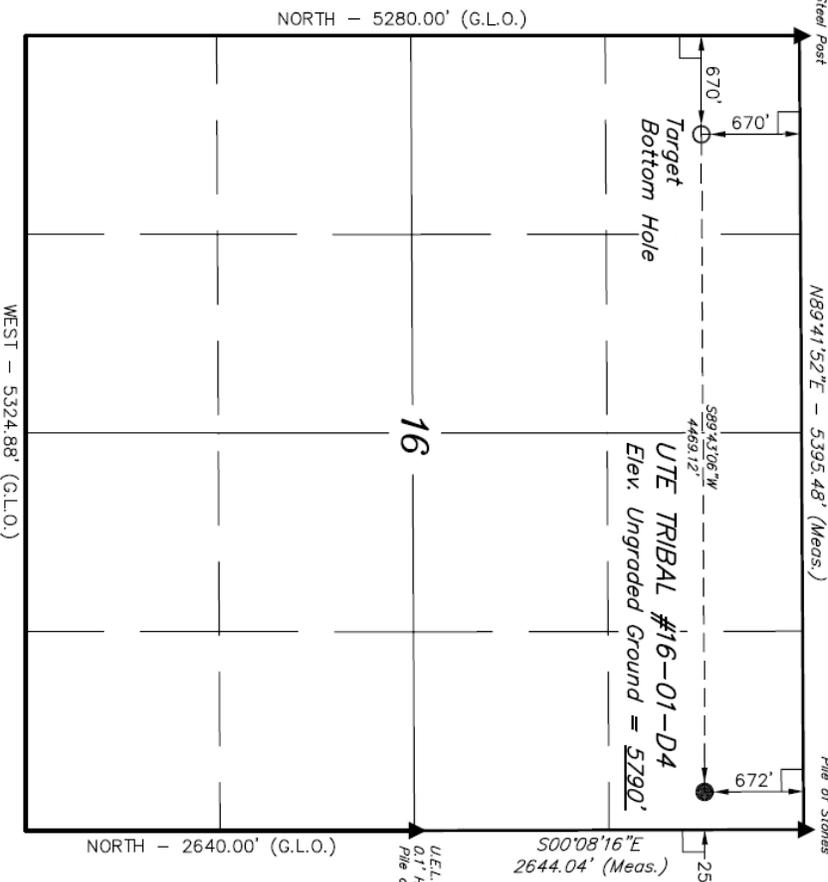
Well location in the NE 1/4 NE 1/4 of Section 16, T4S, R4W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

BENCH MARK (M67) LOCATED IN THE SW 1/4 OF SECTION 9, T5S, R4W, U.S.B.&M., TAKEN FROM THE DUCHESNE SE, QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6097 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



THIS IS TO CERTIFY THAT THE ABOVE RECORDED INSTRUMENT WAS PREPARED FOR FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT J. BOBERTS
REGISTERED LAND SURVEYOR
STATE OF UTAH
No. 61319

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°08'20.67" (40.139075)	LATITUDE = 40°08'20.89" (40.139133)	LATITUDE = 40°08'20.89" (40.139133)	LATITUDE = 40°08'20.89" (40.139133)
LONGITUDE = 110°20'58.97" (110.349214)			
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°08'20.82" (40.139117)			
LONGITUDE = 110°20'58.41" (110.349003)			

UINYAH ENGINEERING & LAND SURVEYING			
85 SOUTH 200 EAST - VERNAL, UTAH 84078			
(435) 789-1017			
SCALE	1" = 1000'	DATE SURVEYED:	08-27-12
PARTY	G.O. T.G. K.O.	DATE DRAWN:	09-06-12
WEATHER	HOT	REFERENCES	G.L.O. PLAT
		FILE	PETROGLYPH OPERATING CO., INC.